

ABSTRACT OF THE DISCLOSURE

A wireless TDMA communication platform for processing a communication signal is disclosed herein. The platform includes a sampler for sampling a TDMA signal, received from a transmission channel; a derotator for correcting for frequency offset in the sampled TDMA signal; a matched filter for correcting for the response of the transmission channel in the received TDMA signal; an equalizer to which is applied an output signal from the matched filter; a deinterleaver to deinterleave the received TDMA signal; and a channel decoder for decoding the received TDMA signal after it is deinterleaved.

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